

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 047182-0145
INTERNATIONAL APPLICATION NO. PCT/US2003/040665	INTERNATIONAL FILING DATE 12/19/2003	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.55) Unassigned 11/540112
TITLE OF INVENTION MINIATURIZED GAS SENSORS FEATURING ELECTRICAL BREAKDOWN IN THE VICINITY OF CARBON NANOTUBE TIPS		PRIORITY DATE CLAIMED 12/20/2002
APPLICANT(S) FOR DO/EO/US Nikhil KORATKAR et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> 2. <input type="checkbox"/> 3. <input type="checkbox"/> 4. <input checked="" type="checkbox"/> 5. <input checked="" type="checkbox"/> 6. <input type="checkbox"/> 7. <input type="checkbox"/> 8. <input type="checkbox"/> 9. <input type="checkbox"/> 10. <input type="checkbox"/>	<p>This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>The US has been elected (Article 31).</p> <p>A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made.</p> <p>An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>	
Items 11 to 20 below concern other document(s) or information included:		
11. <input checked="" type="checkbox"/> 12. <input type="checkbox"/> 13. <input checked="" type="checkbox"/> 14. <input checked="" type="checkbox"/> 15. <input type="checkbox"/> 16. <input type="checkbox"/> 17. <input type="checkbox"/> 18. <input type="checkbox"/> 19. <input type="checkbox"/> 20. <input checked="" type="checkbox"/>	<p>An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>A Preliminary Amendment.</p> <p>An Application Data Sheet under 37 CFR 1.76.</p> <p>A substitute specification.</p> <p>A power of attorney and/or change of address letter.</p> <p>A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</p> <p>A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>Other items or information: Copy of International Search Report (1 page)</p>	

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The following fees have been submitted:						
21.	<input checked="" type="checkbox"/> Basic national fee		\$300		\$300.00	
22.	<input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$200.00	
All other situations						
23.	<input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100		
International Search Report prepared and provided to the Office				\$400		
All other situations				\$500		
TOTAL OF ABOVE 21, 22 and 23 =					\$600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE		
31	- 100 = 0	/50 = 0		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					\$0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	30 - 20 =	10	x \$ 50.00		\$500.00	
Independent Claims	9 - 3 =	6	x \$ 200.00		\$1200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360.00		\$0.00	
TOTAL OF ABOVE CALCULATIONS =					\$2300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					\$0.00	
SUBTOTAL =					\$2300.00	
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$0.00	
TOTAL NATIONAL FEE =					\$2300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property					\$0.00	
TOTAL FEES ENCLOSED =					\$2300.00	
					Amount to be refunded:	
					charged:	

a. ☐ A check in the amount of **\$2,300.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **19-0741** in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-0741**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charge to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Foley & Lardner LLP
Customer Number: 22428

SIGNATURE
Stephen B. Maebius

NAME
35,264

REGISTRATION NUMBER